

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

STAFF COPY

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

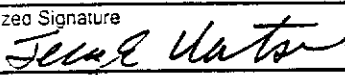
- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
Avenal		Kings	
Authorized Signature		Title	
		Public Works Director	
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Jerry Watson	3-11-02	(559) 386-5766	
Person Completing This Form (please print or type)		Title	
Joe Kalpakoff		Recycling Coordinator	
Affiliation:	Mid Valley Disposal		
Mailing Address	City	State	ZIP Code
919 Skyline Blvd	Avenal	CA	93204
E-Mail Address	mvdijk@cs.com		

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:

1990

2. Proposed new generation-based study year:

2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The original base year is ten years old and does not represent this jurisdiction. We have completed a generation study for the Avenal jurisdiction. The city contracts with one hauler for everything including (residential, commercial, recycling). The hauler has records of all tons; both recycled and disposed of. The city also owns and operates the city landfill and also keeps records of all waste generated within the city limits. The biggest fluctuation in generation in the past ten years comes directly from Avenal State Prison located within the city's limits.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 11 %	Diversion rate calculated using new generation-based study	b. 37 %
For existing base year pounds/person/day based on generation	3.951	For new generation based study pounds/person/day based on generation	5.593
Residential generation 29 % Non-Residential generation 71 %		Residential generation 14% % Non-Residential generation 86% %	
Population existing generation-based study	9,770	Population new generation-based study	13,100

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

There is a big jump in the diversion rates due to the generation study this year. Our current diversion is consistent with our implementation efforts. However, there was a big increase in our generation due mainly to the Avenal State Prison. Ten years ago when the original gen study was put compiled the prison was running at one-third capacity. Today Avenal Prison is at full capacity. The prison accounts for half of the Avenal Jurisdiction's waste stream.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

January 1st 2000 the City of Avenal contracted with a new recycling and waste hauler. At the same time Avenal was put on a compliance order from the CIWMB. Within three months all of the programs in the SRRE were implemented including; Curbside commingle, greenwaste, commercial cardboard, classroom/school programs, multi-family recycling, and office paper. All weight tags were kept by hauler and landfill for the year 2000.

7. Disposal Tonnage (enter values):	1939	6493	8432
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt], white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at www.ciwmb.ca.gov/LGCentral/Pans/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting					
Grasscycling	58	0.4%	Grass, mulching mowers (city)	8 tons per acre per year/ CIWMB	Site Surveys
Other Residential Source Reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	58	0.4%			
Residential Recycling Activities					
Curbside Recycling	458	3.4%	Commingled, plastic, glass, paper, metal	Actual Weights	Weight Tags
Buyback Centers	25	0.2%	Glass, Aluminum, Plastic	Actual Weights	Buy Back Center
Drop-off Centers	5	0.0%	Cardboard	Actual Weights	Hauler

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwrmb.ca.gov/GCcentral/Pans/CoDes/Reduce.htm	(A)	(A/Total Generation)			
Other Residential Recycling (list each program separately)					
Curbside Green Waste	216	1.6%	Grass, Trees, all green waste	Actual Weights	Landfill Records
Green Waste Drop Off	214	1.6%	Grass, Trees, all green waste	Actual Weights	Landfill Records
Christmas Tree Collection	5	0.0%	Christmas Trees	Actual Weights	Landfill Records
Enter program name					
Enter program name					
Subtotal, Residential Recycling	823	6.9%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste					
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Back Yard Composting	10	0.1%	Grass, green waste	10 house holds	Site Surveys
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	10	0.1%			
Subtotal, Residential Diversion	991	7.4%			
Non-Residential Source Reduction Activities					
Non-Residential Waste Audits*	3324	24.9%	See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Thrift Shop					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	3324	24.9%			

Diversion Activity	Actual Tons	Relative Percent to Total Generation	Specific Material Type(s) (If list operation w/multiple materials in pkg box)	Specific Conversion Factor Used (If any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmbo.ca.gov/LGCentral/Pans/Codes/Reduce.htm	(A)	(A/Total Generation)			
Recycling					
Non-Residential Waste Audits*			See Section 9.	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
CARDBOARD COLLECTION	111	0.8%	Cardboard	Actual Weights	Hauler has weight tags
SCHOOL PROGRAM	41	0.3%	Commingle, plastic, glass, paper, metal,	Actual Weights	Hauler has weight tags
Avenal Prison			Contact State Prison, 3323 tons recycled	Actual Weights	Prison
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	152	1.1%			
Non-Residential Composting					
Activities					
Non-Residential Waste Audits*			See Section 9.	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	0	0.0%			
Subtotal Non-Residential Diversion	3476	26.0%			
Residential/Non-Residential Diversion Activities					
ADC	53	0.4%	Dirt, Mulch, sweeper Dirt	Actual Weights	Landfill Records
Sludge					
Scrap Metal	101	0.8%	Washer, Dryer, Stoves, Refg.	Actual Weights	Landfill Records
Construction and Demolition	99	0.7%	Lumber, Wood, Concrete chunks, Metal	Actual Weights	Landfill Records
Landfill Salvage	220	1.6%	Concrete, Asphalt, Tires	Actual Weights	Landfill Records
Subtotal Residential/Non-Residential Diversion	473	3.5%			
Total Res/Non-Res Source Reduction Tons	3382	25.3%			
Total Diversion Tons	4848	36.3%			
Total Disposal Tons from Sec. 7	8432	63.1%			
Total Generation Tons (Div+Dis)	13372				
Diversion Rate	37%				

Agenda Item
Attachment 2a

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section B)	Survey Method Phone (P) Mail (M) On-site (O) Other _____
Prison	1	Contact Avenal Prison		3323		3323	24.9%	P
School	2	Class room Comingle, Grasscycling, Cardboard, Cafateria Comingle		39	24	63	0.5%	Audit
Multi Family	3	Comingle Recycling, Green Waste		25		25	0.2%	O
Market	4	4 cubic yards of Cardboard Daily		19		19	0.1%	O
Totals				3406	24	3430	25.7%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling; quantified by monthly tonnage receipts provided by the contact person at the business).

**Agenda Item
Attachment 2a**

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Scrap Metal ▼	City Landfill	1995	25
White Goods ▼	Public Works	1995	101
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

Attachment # 9 Avenal State Prison Diversion

1

Commercial Program	Tons Diverted	Quantification and/or Location of Record	Type
Rendering	1741	Prison weights for chicken processing	Recycled
Food Grease Composting	1594.35	Actual hauler weights located at prison	Compost
Wet Food Waste (Pulped)	1603.32	PopulationXDays in Month/ 2000 per RASP	Source Re
Metal Recycled	521.24	Actual hauler weights located at prison	Recycled
Cardboard Recycling	436.95	Actual hauler weights located at prison	Recycled
Grasscycling	173	Prison has acres on maps 8.7 tons per acre(19.9)	Source Re
Wood Recycling (pallets)	124.22	Actual hauler weights located at prison	Recycled
Sawdust Recycling	102.8	Actual hauler weights located at prison	Compost
Glass	21.4	Actual hauler weights located at prison	Recycled
Composting (sawdust&pulp)	137.27	Actual hauler weights located at prison	Compost
Tires	0.73	Actual hauler weights located at prison	Recycled
Office Paper (Mixed Paper	0.93	Actual hauler weights located at prison	Recycled
Total tons Diverted	6457.21		

2

School Recycling

Program	Tons	Quantification	Type
Classroom Commingle	39	Hauler has actual weights MVD	Recycling
Grasscycling	24	8.7 tons per acre 2.75 acres	source
Total	63		

3

Multi Family

Program	Tons	Quantification	Type
Commingle Recycling	25	Hauler has actual weights MVD	Recycling

#4

Market

Program	Tons	Quantification	Type
* Cardboard pick up	19	Hauler has actual weights MVD 4yd bin 5 x week	Recycling

* One of nine generators (see next page) All nine generators total = 110.8

#5

Commercial Commingle

Program	Tons	Quantification	Type
Curbside Business Commingle	7	Hauler has actual weights MVD	Recycling

Detail of 3- 5

3 Multi Family Recycling

	Tons	Quantification
West View Apts	11.7	8 - 96 gallon Containers once a week
Wein Mannor	6.9	6- 96 gallon Container once a week
Camelot Apts	5.9	4- 96 gallon containters once a week
Total	24.5	

4 Cardboard picked recycling program

Business Type	Tons	Weights/Survey (40 lbs per yard)
Super Market	19	4 yd Bin pick up 5 days a week
Gas Station	20	4 yd Bin pick up 4 days a week
Super Market	8.32	4 yd bin pick up 2 days a week
Mini mart	6.24	3 yd Bin pick up 2 days a week times 6 mini marts
City Hall	2.08	2 yd Bin pick up 2 days a week
Hardware store	2.08	2 yd Bin pick up 2 days a week
Auto Part Store	2.08	2 yd Bin pick up 2 days a week
School	16	(4) 4yd Bins pick 2 days a week
Restaurants	35	(5) 4yd Bins pick 3 days a week
Total	110.8	

5 Commercial Commingle recycling program (includes Mixed paper, glass, plastic)

Business Type	Tons	Weights/Survey (18lbs per can)
City Hall	0.94	2-96 gallon carts picked up once a week
Veterans Hall	0.47	1 - 96 gallon cart picked up once a week
Donut Shop	0.47	1 - 96 gallon cart picked up once a week
Restaurant	0.47	1 - 96 gallon cart picked up once a week
Doctor	0.47	1 - 96 gallon cart picked up once a week
Police Station	0.47	1 - 96 gallon cart picked up once a week
Court House	0.47	1 - 96 gallon cart picked up once a week
Clothing Store (three)	1.41	1 - 96 gallon cart picked up once a week
School District Office	1.41	3-96 gallon carts picked up once a week
Total	6.58	